

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ryota AKIYAMA, et al.

Application No.: Unassigned

Filed: September 24, 1999

Group Art Unit: Unassigned

Examiner: Unassigned



For: AUTHENTICATION SYSTEM, AUTHENTICATION METHOD, SIGNING APPARATUS, SIGNING METHOD, CERTIFYING APPARATUS, CERTIFYING METHOD, AND A COMPUTER-READABLE RECORDING MEDIUM WITH A PROGRAM MAKING A COMPUTER EXECUTE THE METHOD RECORDED THEREIN

**INFORMATION DISCLOSURE STATEMENT**

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

In accordance with the duty of disclosure provisions of 37 CFR §1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

1. Enclosures accompanying this Information Disclosure Statement are:

- 1a. ☒ Form PTO-1449.
- 1b. ☒ Copies of IDS citations.
- 1c. ☐ An English language copy of search report(s) from a counterpart foreign application or a PCT International Search Report.
- 1d. ☒ English language translation (complete or relevant portion(s)) attached to each non-English language publication.
- 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of each non-English publication.
- 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).

2. ☒ In accordance with 37 CFR §1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is:

*(Check appropriate Items 2a, 2b, 2c and/or 2d)*

- 2a. ☐ satisfied because all non-English language publications were cited on the enclosed English language copy of the PCT International Search Report or the search report from a counterpart foreign application indicating the degree of relevance found by the foreign office. (See U.S. Patent & Trademark Office's authorization in the Federal Register, Vol. 57, No. 12, January 17, 1992, at page 2031 (Reply to Comment 68).)
- 2b. ☐ set forth in the application.

2c. ☒ satisfied because an English language translation (complete or relevant portion(s)) is attached to each non-English language publication.

2d. ☐ enclosed as Attachment 1(e), hereto.

3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

STAAS & HALSEY

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. 1341.1030/JDH	APPLICATION NO. Unassigned
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		FIRST NAMED INVENTOR Ryota AKIYAMA, et al.	
		FILING DATE September 24, 1999	GROUP ART UNIT Unassigned

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA						
	AB						
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLAS S	TRANSLATION YES NO	
	AE	HEI 6-315027	11-8-94	Japan			Abst.	
	AF							
	AG							
	AH							
	AI							
	AJ							
	AK							
	AL							
	AM							

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AN	
	AO	

EXAMINER	DATE CONSIDERED
<p>*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</p>	